



DURABLE ACOUSTICAL COMFORT



DURABLE, ACOUSTICAL, AND COMFORTABLE UNDERLAYMENT

NO.2025-01

**DURALUX™**

UP TO IIC 85

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# WE'VE BEEN REVOLUTIONIZING FLOOR ACOUSTICS SINCE 1957

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## DURALUX

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### RESIDENTIAL USE

Dura has a clear goal: produce the highest performing underlay and carpet cushion products while contributing to the preservation of our environment for generations to come. Through our unique process of giving a second life to used rubber, we've achieved our lofty goal by creating products that absorb sound like no other and lasts for years.

Our Duralux underlayment places an emphasis on underfoot comfort. Its advanced design delivers exceptional sound absorption and reduces noise transfer, creating a peaceful environment for guests and residents. Having superior durability, Duralux withstands heavy foot traffic while extending the life of your carpet. Ideal for high-end area rugs and stair runners in luxurious hotels, condos, and private homes.

# HIGH-PERFORMANCE UNDERLAYMENT



ENGINEERED  
HARDWOOD  
AND LAMINATE



CERAMIC



VINYL



CARPET



✓ **SUITABLE FOR MODERATE-  
TO-HEAVY FOOT TRAFFIC**

✓ **MADE FROM RECYCLED RUBBER**

✓ **IDEAL FOR HIGH-END AREA RUGS  
AND STAIR RUNNERS**

✓ **RETAINS ITS SOUNDPROOFING  
QUALITIES**

✓ **LASTS A LIFETIME**

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# IMPERIAL MATERIAL SPECIFICATIONS

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<b>Thickness</b>	0.27 in
<b>“R” Value</b>	0.58
<b>Mass</b>	74 oz / sq.yd
<b>Density</b>	22 lb / cu. ft
<b>Tensile</b>	22.8 lb / in
<b>Content</b>	Minimum 95% recycled rubber
<b>Roll Size</b>	15 sq. yd
<b>Roll Weight</b>	69 lb
<b>Roll Width</b>	54 in.
<b>Roll Length</b>	30 ft.
<b>Roll Diameter</b>	11 in.
<b>Coverage</b>	135 sq. ft
<b>Acoustic Value</b>	IIC 85 / ASTM E90 and ASTM E492 - Impact Sound Transmission (With a carpet)
<b>Green Quality</b>	CRI Green Label Plus approved
<b>Anti-Microbial</b>	Naturally resists mold, mildew and fungus growth
<b>Radiant Heated Floors</b>	Compatible
<b>LEED</b>	Contributes up to 6 credits
<b>Flammability</b>	PASS Pill Test / ASTM D2859 / Class 1 / ASTM E 648 - Radiant Panel Test / As an assembly with a Class 1 commercial carpet
<b>Warranty</b>	Lifetime*

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# METRIC MATERIAL SPECIFICATIONS

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<b>Thickness</b>	7 mm
<b>“R” Value</b>	0.58
<b>Mass</b>	2.51 kg / sq. m
<b>Density</b>	352.4 kg / cu. m
<b>Tensile</b>	200 N / 5 cm
<b>Content</b>	Minimum 95% recycled rubber
<b>Roll Size</b>	12.54 sq. m
<b>Roll Weight</b>	31.3 kg
<b>Roll Width</b>	1.37 m
<b>Roll Length</b>	9.14 m
<b>Roll Diameter</b>	27.94 cm
<b>Coverage</b>	12.54 sq. m
<b>Acoustic Value</b>	IIC 85 / ASTM E90 and ASTM E492 - Impact Sound Transmission (With a carpet)
<b>Green Quality</b>	CRI Green Label Plus approved
<b>Anti-Microbial</b>	Naturally resists mold, mildew and fungus growth
<b>Radiant Heated Floors</b>	Compatible
<b>LEED</b>	Contributes up to 6 credits
<b>Flammability</b>	PASS Pill Test / ASTM D2859 / Class 1 / ASTM E 648 - Radiant Panel Test / As an assembly with a Class 1 commercial carpet
<b>Warranty</b>	Lifetime*

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# WHAT MAKES DURALUX THE NEW STANDARD

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**GREATLY REDUCES  
IMPACT SOUND**



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**PROVIDES UNDERFOOT  
COMFORT & DOES NOT  
COLLAPSE OVER TIME**



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**ENSURES A LUXURIOUS FEEL**



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**GUARANTEED TO WORK OVER  
RADIANT HEATED FLOORS**



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**RESISTS MOLD, MILDEW,  
AND FUNGUS GROWTH**



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**EASY TO INSTALL**



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**CONTRIBUTES TO  
LEED CREDITS**



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**GREEN LABEL  
PLUS+ CERTIFIED**



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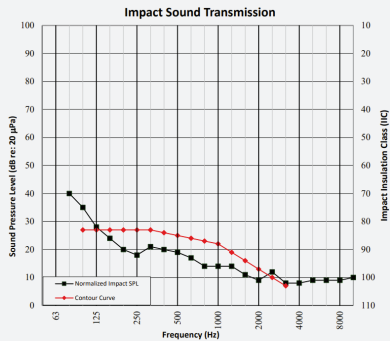
**MADE FROM  
RECYCLED RUBBER**



# ACOUSTICAL TESTING

**PERFORMED BY:**  
**INTERTEK**

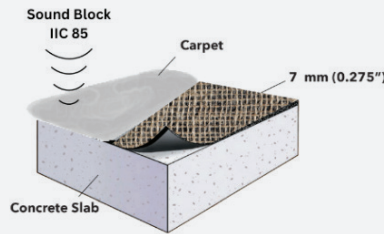
## ASTM E90 + ASTM E492



Carpet	IIC*85
Duralux 7 mm (9/32")	
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6" Concrete Slab	IIC*40
Wire Hung Ceiling Grid	

## Approved and tested by experts

Duralux 7 mm (9/32") was tested under a 12 mm carpet and over a 152 mm concrete slab, obtaining an IIC 85. IIC is a measure of impact sound transmission from one floor to another. The higher the IIC rating, the better quality of sound absorption.



## Duralux Specifications

The sound rated floor material shall be an open cellular rubber shall be an open cellular rubber reinforced with solid rubber particles bonded to jute or fiberglass backing, 7 mm (9/32") thick, approximately 74 oz/yd<sup>2</sup> in weight and 22 lb/ft<sup>3</sup> in density. The product shall have an IIC rating of 85 (tested as per ASTM E90 + ASTM E492) based on the construction detailed in this brochure. The acoustical material shall be Duralux 7 mm (9/32") manufactured by: Dura Undercushions Ltd.

We invite you to contact us for any inquiries via email: [info@duraundercushions.com](mailto:info@duraundercushions.com) or via phone: **1-800-295-4126**

# QUICK AND EASY TO INSTALL

## STRETCH-IN INSTALLATION PROCEDURE

①

Measure the length and width of the room and cut DURALUX to size, leaving a 1/2" gap around the perimeter of the room.

②

DURALUX should be laid black side down. Ensure that it covers the entire area of the room.

③

Use double-sided carpet tape to secure the edges of DURALUX to the floor along the perimeter of the room, leaving a 1/2" gap around the edges.

④

Install tack strips around the perimeter of the room, making sure to leave a 1/4" gap between the strip and the wall.

⑤

Stretch the carpet over DURALUX and tuck the carpet into the gap between the tack strip and the wall using a knee kicker or power stretcher.

⑥

Use a carpet knife to trim any excess carpet along the edges of the room.



### Caution:

Using poor quality adhesive, incorrect type, or improper application method can cause installation issues. Please contact Dura Undercushions for the installation of DURALUX using the double-glue procedure.

When following the double glue-installation procedure, consider using a 1/8" x 1/8" x 1/8" U-notch trowel for even adhesive coverage.



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# WARRANTY

Dura underlayments are warranted to retain their essential firmness, resilience, and porosity through the useful life of the floor covering under which they are installed. This warranty applies to all types of indoor installations. In the event of a confirmed product failure due to defective manufacture the company will replace, without charge, the defective portion of the underlayment with new equivalent product.

This warranty is valid only when the product is used in accordance with our instructions and for its intended purpose and does not cover defects or failures due to inappropriate use or abuse.



# DISCOVER MORE

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## DURABLE ACOUSTICAL COMFORT



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### For Engineered Hardwood and Laminated Flooring

**YOU NEED:**  
DURA-SON  
DURA-SON MB

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### MULTI-RESILIENT LAYER FLOORING

**YOU NEED:**  
DURACOUSTIC



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### For Carpets

**YOU NEED:**  
DURACUSHION  
SUPERDURA  
PROTECTOR  
DURALUX

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### MULTI-RESILIENT LAYER FLOORING

**YOU NEED:**  
DURACOUSTIC

The durability of our products are the solution to all your acoustical needs. They will outlast and maintain their acoustical and comfort qualities throughout their lifetime.



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### For Ceramics

**YOU NEED:**  
DURAQUIET

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### MULTI-RESILIENT LAYER FLOORING

**YOU NEED:**  
DURACOUSTIC



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### For Vinyl

**YOU NEED:**  
DURAQUIET

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### MULTI-RESILIENT LAYER FLOORING

**YOU NEED:**  
DURACOUSTIC



DURABLE ACOUSTICAL COMFORT

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**8525 CHEMIN DELMEADE, MONTREAL  
QC H4T 1M1**

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**1-800-295-4126**

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**INFO@DURAUNDERCUSHIONS.COM**

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**[WWW.DURACUSHION.COM](http://WWW.DURACUSHION.COM)**

